TITLE OF INVENTION: LIGHT-EMITTING ELEMENT AND LIGHT-EMITTING DEVICE

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Rey 1459

P O Box 1450 Alexandria, Virgima 22313-1450 www.uspto.gov

### NOTICE OF ALLOWANCE AND FEE(S) DUE

7590 02/06/2009

YOUNG & THOMPSON 209 Madison Street Suite 500 ALEXANDRIA, VA 22314

466

EXAMINER PATEL ASHOK

ART UNIT PAPER NUMBER

DATE MAILED: 02/06/2009

| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |  |
|-----------------|-------------|----------------------|---------------------|------------------|--|
| 10/563,379      | 05/15/2006  | Yasuhiko Kasama      | 8075-1023           | 4399             |  |

 APPLN. TYPE
 SMALL ENTITY
 ISSUE FEE DUE
 PUBLICATION FEE DUE
 PREV. PAID ISSUE FEE
 TOTAL FEE(S) DUE
 DATE DUE

 nonprovisional
 YES
 \$755
 \$300
 \$0
 \$1055
 05/06/2009

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT, PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 1SI. THE ISSUE FEE DUE INDICATED ABOVE DOES NOT REFLECT A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE IN THIS APPLICATION. IF AN ISSUE FEE HAS PREVIOUSLY BEEN PAID IN THIS APPLICATION (AS SHOWN ABOVE), THE RETURN OF PART B OF THIS FORM WILL BE CONSIDERED A REQUEST TO REAPPLY THE PREVIOUSLY PAID ISSUE FEE TOWARD THE ISSUE FEE NOW DUE.

#### HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.

B. If the status above is to be removed, check box 5b on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

If the SMALL ENTITY is shown as NO:

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II. PART B - FEE(S) TRANSMITTAL, or its equivalent, must be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted. If an equivalent of Part B is filed, a request to reapply a previously paid issue fee must be clearly made, and delays in processing may occur due to the difficulty in recognizing the paper as an equivalent of Part B.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

#### PART B - FEE(S) TRANSMITTAL

# Complete and send this form, together with applicable fee(s), to: Mail Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

or Fax (571)-273-2885

| appropriate. All further<br>indicated unless corrects<br>maintenance fee notifica   | correspondence includired below or directed oth  | ng the Patent, advance on<br>herwise in Block 1, by (a  | rders and notification of r<br>a) specifying a new corre   | naintenance fees wi<br>spondence address;   | II be n<br>and/or                           | nailed to the current<br>(b) indicating a sepa   | correspondence address as<br>rate "FEE ADDRESS" for   |
|---|--|---|--|---|---|--|---|
| CURRENT CORRESPOND  | pap  | Note: A certificate of mailing can only be used for domestic mailings of the<br>Fee(s) Transmittal. This certificate cannot be used for any other accompanying<br>papers. Each additional paper, such as an assignment or formal drawing, mus<br>have its own certificate of mailing or transmission. |  |   |   |  |   |
| YOUNG & TF<br>209 Madison Str<br>Suite 500  | reet   | 1/2009  | I be   | Cert  | ificate                                     | of Mailing or Transı<br>Transmittal is being   | nission deposited with the United t class mail in an envelope above, or being facsimile tte indicated below.                                    |
| ALEXANDRIA  | , VA 22314   |   | <u> </u>   |   |   |  | (Depositor's name)  |
|   |  |   | <u> </u>   |   |   |  | (Signature)   |
|   |  |   |  |   |   |  | (Dute)  |
| APPLICATION NO.   | FILING DATE  |   | FIRST NAMED INVENTOR   |   |   | NEY DOCKET NO.   | CONFIRMATION NO.  |
| 10/563,379<br>TITLE OF INVENTION  | 05/I5/2006<br>: LIGHT-EMITTING E   | LEMENT AND LIGHT-   | Yasuhiko Kasama<br>EMITTING DEVICE   |   |   | 8075-1023  | 4399  |
| APPLN, TYPE   | SMALL ENTITY   | ISSUE FEE DUE   | PUBLICATION FEE DUE  | PREV. PAID ISSUE  | FEE   | TOTAL FEE(S) DUE   | DATE DUE  |
| nonprovisional  | YES  | \$755   | \$300  | \$0   |   | \$1055   | 05/06/2009  |
| EXAM  | INER   | ART UNIT  | CLASS-SUBCLASS   | 1   |   |  |   |
| PATEL,  | ASHOK  | 2889  | 313-504000   | •   |   |  |   |
| "Fee Address" ind<br>PTO/SB/47; Rev 03-0<br>Number is required.  3. ASSIGNEE NAME A   | ondence address (or Cha<br>3/122) attached.<br>ication (or "Fee Address<br>12 or more recent) attach<br>ND RESIDENCE DAT/<br>less an assignee is ident<br>h in 37 CFR 3.II. Comp | inge of Correspondence "Indication form and. Use of a Customer A TO BE PRINTED ON 7   | 2. For printing on the p (I) the names of up to or agents OR, alternati (2) the name of a single registered attorney or 2 registered patent atto listed, no name will be THE PATENT (print or tyled data will appear on the p of a substitute for filing an (B) RESIDENCE: (CITY   | 3 registered patent<br>vely,<br>e firm (having as a<br>agent) and the name<br>rneys or agents. If n<br>printed.     | membe<br>s of up<br>so name                 | ra 2to to is 3   | ocument has been filed for  |
| Please check the appropr  | iate assignee category or  | categories (will not be pr  | rinted on the patent):   | Individual 🗖 Cor  | poratic                                     | on or other private gro  | up entity Government  |
| 4a. The following fee(s)  Issue Fee Publication Fee (N  | o small entity discount p  |   | b. Payment of Fee(s): (Plea A check is enclosed. Payment by credit car The Director is hereby overpayment, to Depo   | d. Form PTO-2038  | is attac                                    | thed.  |   |
|   | s SMALL ENTITY state   | as. See 37 CFR I.27.  | b. Applicant is no lon   |   |   |  |   |
| interest as shown by the  | records of the United Sta  | ites Patent and Trademark   | Office.  | ne applicant, a regis   | tereu ai                                    | uorney or agent; or th   | e assignee or other party in  |
| Authorized Signature  |  |   |  | Date  |   |  |   |
| Typed or printed nam  |  |   | Registration No.   |   |   |  |   |
| This collection of inform<br>an application. Confiden<br>submitting the completes<br>this form and/or suggesti<br>Box 1450, Alexandria, V<br>Alexandria, Virginia 223 | ation is required by 37 C<br>tiality is governed by 35<br>d application form to the<br>ions for reducing this but<br>firginia 22313-1450. DC<br>13-1450.                         | FR 1.311. The informatic<br>U.S.C. 122 and 37 CFR<br>USPTO. Time will vary<br>rden, should be sent to the<br>ONOT SEND FEES OR  | on is required to obtain or in 1.14. This collection is estanded to the individual of the individual o | retain a benefit by the<br>timated to take 12 m<br>ridual case. Any cor<br>er, U.S. Patent and 1<br>D THIS ADDRESS. | e publicinutes<br>nments<br>Tradema<br>SEND | e which is to file (and<br>to complete, including<br>on the amount of tin<br>ark Office, U.S. Depa<br>o TO: Commissioner f | by the USPTO to process)<br>g gathering, preparing, and<br>ne you require to complete<br>rtment of Commerce, P.O.<br>or Patents, P.O. Box 1450, |

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#### UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS

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| 10/563,379               | 05/15/2006                   | Yasuhiko Kasama                 | 8075-1023           | 4399             |  |  |
| 466                      | 466 7590 02/06/2009 EXAMINER |                                 |                     |                  |  |  |
| YOUNG & THO              | OMPSON                       | PATEL, ASHOK                    |                     |                  |  |  |
| 209 Madison Stre         | et                           |                                 | ART UNIT            | PAPER NUMBER     |  |  |
| Suite 500<br>ALEXANDRIA, | VA 22314                     | 2889<br>DATE MAILED: 02/06/2009 |                     |                  |  |  |

## Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)

(application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 253 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 253 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at 1-(888)-786-0101 or (571)-272-4200.

## Application No. Applicant(s) 10/563,379 KASAMA ET AL Notice of Allowability Examiner Art Unit 2889 Ashok Patel -- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS. This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308. This communication is responsive to amendment received on 12/12/2008. 2. The allowed claim(s) is/are 1-6. 3. Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). b) \( \subseteq \text{Some\* c} \) \( \subseteq \text{None of the:} \) 1. T Certified copies of the priority documents have been received. 2. Certified copies of the priority documents have been received in Application No. 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)). \* Certified copies not received: \_\_\_\_\_. Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application. THIS THREE-MONTH PERIOD IS NOT EXTENDABLE. A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient. CORRECTED DRAWINGS (as "replacement sheets") must be submitted. (a) Including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached 1) hereto or 2) to Paper No./Mail Date (b) including changes required by the attached Examiner's Amendment / Comment or in the Office action of Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d). 6. DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

|  |  | References |  |  |
|--|--|------------|--|--|
|  |  |            |  |  |

- 2. Notice of Draftperson's Patent Drawing Review (PTO-948)
- Information Disclosure Statements (PTO/SB/08).
- Paper No./Mail Date
- 4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
- 5. Notice of Informal Patent Application
- Interview Summary (PTO-413), Paper No./Mail Date
- 7. T Examiner's Amendment/Comment
- 8. X Examiner's Statement of Reasons for Allowance
- 9. ☐ Other .

Application/Control Number: 10/563,379
Art Unit: 2889

- 1. The following is an examiner's statement of reasons for allowance: (1) withdrawal of 35 U.S.C. 112, second paragraph rejection of former claims 1-6 in view of amendment of claim 1 so as to overcome the 35 U.S.C. 112, second paragraph rejection; (2) withdrawal of objection to claim 4 as being of improper multiple dependent in view of applicant's amendment of claim 4; and (3) withdrawal of prior art rejection of former claims 1-3 and 5-6 in view of amendment of appropriate amendment of claim 1 so as to patentably define the claimed invention from that of the prior art of the record, and in view of applicant's persuasive arguments relating to the prior art rejection.
- 2. Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Ashok Patel whose telephone number is 571-272-2456. The examiner can normally be reached on Monday-Thursday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Minh-Toan Ton can be reached on 571-272-2303. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Application/Control Number: 10/563,379

Page 3

Art Unit: 2889

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

/Ashok Patel/ Ashok Patel Primary Examiner Art Unit 2879